Microsoft
SIDEWINDER X8 mouse
Microsoft® BlueTrack™ Technology



Technical Data Sheet

Version Information	
Product Name	Microsoft® SideWinder™ X8Mouse
Product Version	Microsoft SideWinder X8 Mouse
Mouse Version	Microsoft SideWinder X8 Mouse
Transceiver Version	Microsoft 2.4 GHz Transceiver
Product Dimensions	
Mouse Length	5.07 inches (129 millimeters)
Mouse Width	3.06 inches (77.7 millimeters)
Mouse Depth/Height	1.61 inches (40.9 millimeters)
Mouse Weight	5.70 ounces (162 grams)
Transceiver/Charger Cable Length	72 +6/-0 inches (1830 +150/-0 millimeters)
Compatibility and Localization	
Interface	USB Compatible
Operating Systems	Microsoft Windows® 7, Windows Vista®, and Windows XP (excluding Windows XP 64-bit)
Top-line System Requirements	Requires a PC that meets the requirements for and has installed one of these operating systems: • Microsoft Windows 7, Windows Vista, or Windows XP (excluding Windows XP 64-bit) • 100 MB available hard drive • Powered USB port • CD Drive • Internet access may be required for certain features. Local and/or long-distance telephone toll charges may apply • Microsoft IntelliPoint 7.0 software
Compatibility Logos	• Compatible with Microsoft Windows 7 • Certified for Microsoft Windows Vista • Certified USB logo
Software Localization	Microsoft IntelliPoint software may be installed in Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, Brazilian Portuguese, Iberian Portuguese, or Spanish. If available, standard setup will install the software in the default OS language. Otherwise, the English language version will be installed.
Tracking Technology	
Mouse Tracking System	Microsoft-proprietary BlueTrack™ Technology
Imaging Rate	Dynamically adaptable to 13,000 frames per second
X-Y Resolution	Maximum 4000 points per inch (78.76 points per millimeter). Selectable range from 250 to 4000 points per inch.
Tracking Speed	Up to 120 inches (3048 millimeters) per second
Maximum Acceleration	75G
USB Reporting	500Hz
Product Feature Performance	
Mouse Button Features	12 buttons including five main buttons (left, middle, right, forward, and back; three DPI setting buttons (with lighting selection indicators); two assignable tilt wheel buttons; one backlit macro button; and one Quick Launch ("Gaming bug") button
Right & Left Main Button Life	10,000,000 actuations
Wheel Button Life	250,000 actuations
Side Button Life	100,000 actuations
Game Bug Button Life	10,000 actuations
DPI Switch Life	20,000 actuations
Mouse Scrolling Features	Vertical scroll wheel
Wheel Vertical Scrolling Life	• 85,000 revolutions (away from user) at no more than 60 rotations per minute • 300,000 revolutions (toward user) at no more than 60 rotations per minute
Storage Temperature & Humidity	-40 °F (-40 °C) to 140 °F (60 °C) at <5% to 65% relative humidity (non-condensing)
Operating Temperature & Humidity	37 °F (0 °C) to 104 °F (40 °C) at <5% to 80% relative humidity (non-condensing)
Wireless Technology	
Wireless Platform	Proprietary 2.4 GHz
Wireless Frequency	2.4 GHz frequency range
Wireless Range	30 feet (9.14 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the mouse and receiver.
Power Requirements	
Power Source	1 NiMH AA battery included and Docking Charger/Base
Charge Life	3 weeks typical. Up to 30 hours of playing time
Initial Charging Time	1 hour
Full Charging Time	Up to 3 hours
Optional Power Source	Play and Charge Cable. Can also use any 1.5 v AA battery, such as Alkaline
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 Qualified Manufacturer	Yes
ISO 14001 Qualified Manufacturer	Yes
Restriction on Hazardous Substances	This device complies with all applicable worldwide regulations and restrictions including, but not limited to: EU directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment and EU Registration Evaluation and Authorization of Chemicals (REACH) regulation regarding Substances of Very High Concern.
FCC/IC ID	This Class B digital apparatus complies with Part 15 of the U.S. Federal Communications Commission (FCC) rules, Canadian ICES-003, and RSS-210. Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Tested to comply with FCC (U.S. Federal Communications Commission) Standards. For home or office use. The term "IC:" before the certification/registration number only signifies that the Industry Canada technical specifications were met. Model numbers: 1352, SideWinder X8 Mouse and 1353, SideWinder 2.4 GHz Transceiver. FCC IDs C3K1352 and C3K1353. IC IDs 3048A-1352 and 3048A-1353.
Agency and Regulatory Marks	• CNC Certificate (Argentina) • ACMA Declaration of Conformity (Australia and New Zealand) • ANATEL Certificate (Brazil) • RSS-210 and IC ID, Certificate of Acceptance (Canada) • CMII Certificate (China) • EIP Pollution Control Mark, EPUP (China) • R&TTE Declaration of Conformity, Safety and EMC (European Union) • WEEE (European Union) • ETA Certificate (India) • MIC Certificate (Israel) • VCCI and TELEC Certificates (Japan) • KCC Certificate (Korea) • SIRIM Certificate (Malaysia) • COFETEL Certificate (Mexico) • GOST and FAC Certificates (Russia) • CITC Letter (Kingdom of Saudi Arabia) • IDA Approval (Singapore) • ICASA Certificate (South Africa) • BSMI and NCC Certificates (Taiwan) • CONATEL Certificate (Venezuela) • FCC ID, Grant of Equipment Authorization (USA) • UL and cUL Listed Accessory (USA and Canada) • CB Scheme Certificate (International)
Windows Hardware Quality Labs (WHQL)	ID: 1451361 Microsoft Windows 7